

Date: Thu, 28 Apr 94 02:28:40 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #463
To: Info-Hams

Info-Hams Digest Thu, 28 Apr 94 Volume 94 : Issue 463

Today's Topics:

A/D Technologies Newsgroup
Acceptable use of HAM radio
ANARTS RTTY NEWS BULLETIN 806 24/04/94
ARLS021 Another SAREX success
Daily Summary of Solar Geophysical Activity for 25 April
IBM Drive
Interview at Dayton???
rec.radio.amateur.vhf.plus (?)
Repeaters in Monterey area?
simplex (2 msgs)
SWR & Power Loss
Wanted: Buckmaster CDRom Callbook BBS DOOR

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Apr 94 03:22:38 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!afabro@ucbvax.berkeley.edu
Subject: A/D Technologies Newsgroup
To: info-hams@ucsd.edu

Hello folks.

I mentioned to the people here in Columbus about the ACC Newsgroup or that
they had an E-mail address, and immediately they turned around and wanted
to know if A/D Technologies of Atlanta, GA had internet access or some sort

of news cluster made. They are kind of new to the amateur market, but they have a very nice product. FYI, they will be at Dayton.

Anybody have any information?

Thanks.

Tony N8RRB

Anthony P. Fabro	
afabro@magnus.acs.ohio-state.edu	/\ /\ /\ /\ /\ /\ /\ /\ /\ /\ /\ /\
Columbus, Ohio	< SAFETY FIRST --- ALWAYS! >
Amateur Radio Call N8RRB	\/\ /\ /\ /\ /\ /\ /\ /\ /\ /\ /\

Date: Wed, 27 Apr 1994 16:56:03 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!darwin.sura.net!
jabba.ess.harris.com!news.ess.harris.com!news@network.ucsd.edu
Subject: Acceptable use of HAM radio
To: info-hams@ucsd.edu

In article <2p995c\$s99@eis.calstate.edu>, sadams@eis.calstate.edu (Steven Adams) says:

 \succ

>Is it proper and legal to use Amateur Radio for the following:

>

>1: My church (non-profit) is having a picnic. Can a few of us HAM's who
>belong use our HT's (at low level, simplex of course) to help coordinate
>the event?

>

This type of activity doesn't bother me, but I have heard the argument that "Yes, it is non profit, but it is conducting the 'business' of the organization" When I hear this argument, I think of the hamfest talk-in and parking usage of ham radio. It certainly is the 'business' of the organization that puts on the hamfest. What if National Public Radio (I think they're non-profit) wanted to use amateur radio to coordinate some activity?

It's a complex issue. I hate it when the government has to lay so many rules down in concrete. I wish common sense / courtesy / good judgement / etc. would work to "control" people's actions. Several hams helping out at a church event without interfering with all the other highly important ham radio communication that goes on in the area seems ok to me.

I'm through rambling now.

Harv

Date: 28 Apr 94 04:40:39 GMT
From: agate!howland.reston.ans.net!EU.net!sunic!trane.uninett.no!nac.no!
ifi.uio.no!wabbit.cc.uow.edu.au!news.ci.com.au!eram.esi.com.au!not-for-
mail@ucbvax.berkeley.edu
Subject: ANARTS RTTY NEWS BULLETIN 806 24/04/94
To: info-hams@ucsd.edu

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 806 24/04/94

Sunday transmission schedules next week will vary from our norm
as a reshuffle of operators will be necessary due absentees.

3.545 MHz	0930 UTC	VK2BQS (Jim)
7.045 MHz -3	0030 UTC	??????????????
14.070 MHz (amtor/fec)	0030 UTC	??????????????
14.091 MHz	0030 UTC	??????????????
146.675 MHz	0030/0930 UTC	VK2JPA (PAT)
144.850 MHz (ax25 bbs)		VK2JPA AT ??????
146.675 MHz (rtty mmbbs/repeater)		VK2RTY

So for 1st May search and locate

Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of the
Society.

CHINA HAM NEWS

APRIL 16, 1994

EDITED BY RICK NIU, BZ1QL

CHINA HAM NEWS IS ORIGINATED AT BY1QH, OPERATED BY THE
TSINGHUA UNIVERSITY AMATEUR RADIO CLUB IN BEIJING, CHINA. IT
IS RELEASED FIRST AND THIRD WEEKENDS EVERY MONTH, AND IS
AVAILABLE FOR UNLIMITED DISTRIBUTION.

WE WHOLEHEARTEDLY CONGRATULATE OUR GOOD, OLD FRIEND
DIETER, DJ7BU, ON OBTAINING HIS AMATEUR RADIO OPERATOR'S CERT-
IFICATE FOR VISITORS. A SIEMENS DEPUTY DEPARTMENT MANAGER,
DIETER HAS BEEN WORKING, BOTH IN THE BUSINESS AND HAM RADIO

AREAS, IN SHANGHAI, GUANGZHOU AND BEIJING FOR OVER FIVE YEARS, AND IS PRETTY WELL KNOWN IN THE CHINESE AMATEUR RADIO COMMUNITY. SINCE MARCH 25, 1994, DJ7BU/BY1QH HAS BEEN OFFICIALLY VALIDATED AND IS OWNED BY A GERMAN RADIO AMATEUR OPERATING FROM THE PEOPLE'S REPUBLIC OF CHINA.

1ST DIGITAL BA... WHEN A BY1QH MEMBER SPOT BA1GYS ON HF PACKET, EVERYBODY SAID THERE MUST BE SOMETHING WRONG WITH THE SYSTEM. BUT THE NEXT DAY WHEN RICK TALKED WITH MR. GUO YUNSHENG (GYS, THAT IS), HE SAID HE WAS HOPING TO LEARN MORE ABOUT PACTOR1 EQUIPPED WITH TWO STANDARD TUS (A GERMAN HC AND A YX-9001) AND A 386 COMPUTER PLUS A KENWOOD 440, BA1GYS IS TRYING TO BRING THE 20-ODD BA GROUP INTO THE MAGIC WORLD OF DIGITAL COMMUNICATIONS. RIGHT NOW GUO'S PROBLEM SEEMS TO LIE IN THE LACK OF RELATED REFERENCES, BOOKS, HARDWARE AND SOFTWARE, PREFERABLY FOR PACKET AND PACTOR.

IF YOU ARE INTERESTED IN HELPING THE BA GET UP AND RUNNING, AND YOU HAPPEN TO BE ABLE TO DO GUO A FAVOR, PLEASE DIRECT WHATEVER YOU MAY SEND HIM TO: MR. GUO YUNSHENG, BA1GYS C/O RICK NIU, BZ1QL, ROOM 316 BUILDING 25, TSINGHUA UNIVERSITY, BEIJING 100084, CHINA.

HAM RADIO ON BEIJING TV... A 25-MINUTE ENGLISH LANGUAGE TELEVISION PROGRAM ABOUT AMATEUR RADIO AND THE TUARC WAS AIRED ON BEIJING TELEVISION (BTV) FEBRUARY 20. THIS MAY HAVE BEEN THE VERY FIRST TIME IN CHINA THAT OUR HOBBY IS INTRODUCED TO THE GENERAL PUBLIC VIA A NOTED TV STATION. FOUR OF THE CLUB MEMBERS - NICK, GRAY, JOHN AND SEAN - DID A SUPER JOB IN THE SHOW WHILE RICK WAS BEHIND THE SCENE AS AN ASSISTANT DIRECTOR. THANKS TO SAM N3NFK FOR A VIDEOTAPE OF REFERENCE.

BT2000BJ QSLs... AT LAST, ALL THE STACKED BT2000BJ QSL CARDS WERE SENT OUT IN THE FIRST WEEK OF APRIL FROM TUARC. AGAIN WE DEEPLY APOLOGIZE FOR SUCH AN 'UNBEARABLE' DELAY. BY THE WAY, THE BY1QH CALLBOOK QSL ROUTE STILL WORKS PERFECT: P.O. BOX 2654, BEIJING, CHINA.

(These were some excerpts from the Chinese amateur scene. The item was too long to run in its entirety.

G-TOR, the new faster HF digital mode ... part 1

by Phil Anderson W0XI and others, from an article in the RTTY Digital Journal March 1994

On New Years Day, W0XI and WK5M transmitted a 9,718 byte file from Kansas to WA4EGT in California on 20-meters in 5 minutes, 20 seconds. The mode was G-TOR. Immediately thereafter, the file was transmitted again, this time using Pactor. It took 20 minutes, 15 seconds. Throughout the month of January these tests were repeated with over one-million bytes transferred error-free. The average character/second rate for G-TOR was 23.7 and for Pactor 8.64.

G-TOR, short for Golay-TOR, is an innovation of Kamtronics Co., Inc. It is a new HF digital communications mode for the amateur service. The error correction coding outlined in MIL-STD-188-141A forms the basis for G-TOR. In order to keep costs low yet take advantage of concepts prescribed in the standards G-TOR makes use of existing multi-mode TNC hardware but establishes a completely new hybrid-ARQ system in firmware.

The benefits of these innovations are exceptional:

- dramatically increased throughput
- apparent reduction in the effects of interference on multi-path
- low cost.

The key features of G-TOR are atypical:

- extended Golay forward error correction coding
- full-frame data interleaving
- on-demand Huffman data compression with run-length encoding
- link-quality based baud rate: 300, 200, or 100
- 2.4 second hybrid ARQ cycle
- fuzzy acknowledgements
- reduced overhead within data frames
- standard FSK tone pairs (mark and space).

more next week

IPS weekly report

15 April - 21 April 1994

Issue No 16

Date of issue: 22 April 1994

INDICES:

Date	15	16	17	18	19	20	21
10cm	080	082	082	084	085	086	087
A	15	17	60	20	15	08	(08 estimated)
T	24	38	67	20	40	39	39

SUMMARY OF ACTIVITY

Solar activity was very low 15th - 20th, and low on April.

The geomagnetic field at Learmonth (WA) was unsettled 15th-16th except for a minor storm period on 16th. The field was at major storm levels on 17th, reducing to quiet to unsettled by end of the 19th, at which levels it remained until the end of the period.

Ionospheric F2 critical frequencies at Sydney on 15th and 18th were near normal or depressed by up to 15 per cent, on 17th, frequencies were enhanced by up to 30 per cent. Over the remainder of the period frequencies were near predicted monthly values.

FORECAST FOR THE NEXT WEEK (22 - 28 April)

SOLAR: Low

GEOMAGNETIC: Quiet to unsettled, possibility of active levels on 28th. Further geomagnetic activity expected after 28th.

IONOSPHERIC Near normal.

Courtesy of IPS Radio and Space Services

This week we have received two issues of the DXnotes (8th and 15th). We will attach the Notes of interest from 8th at the end of the details from 15th, but will not print the callsign information from that date. If you need this information please contact Jim VK2BQS or Pat VK2JPA and it will be forwarded to you.

VK2SG RTTY DX NOTES 15 APR 94

VK2SG RTTY DXNOTES FOR WEEKENDING 15 APRIL 1994 (BID RTDX0415)

OUR INFORMATION COMES FROM DJ3IW AND THE CENTRAL-EUROPE DX
CLUSTER NODE DB0SPC, I5FLN. IK5AAX AND THE IK5PWJ PACKET-
CLUSTER, ON6RO, W2TKU, WB2CJL, N4SO, W5KSI, WA0VQR, ZS5S, AND
THE NJ0M NODE OF THE TWIN CITIES DX PACKETCLUSTER NETWORK.
THANKS TO ALL.

FRIDAY 8

1530-14084 4X/N10WU

1631-14089 UN7GY

SATURDAY 9

1340-14086 UT7FP

1440-21101 EC8AWG

1447-14091 UY5UP

1452-14090 5B4VY

1707-21085 FR5ZU/E QSL VE2NW

1742-14086 CN8NP

2001-14082 FG5FI

2330-14069 S92ZM

SUNDAY 10

0115-14069 S92ZM

0649-14088 ER1PE

0656-14081 UR0VS

0735-21073 C91BW ARQ

1418-14086 HP1XVI

1431-14084 V31AR

1438-14085 TI2KSR

1621-21085 J28BM QSL K1SE SEE NOTE

1735-21087 ZD7DP

1842-14086 4X6U0

1854-14083 EA3AMX

1936-14085 HB9RA

1939-14085 Y07BI

1941-14083 OD5PL

1941-14092 CN8NP

1948-14089 F5TA

1949-14087 FG5FI

1954-14091 F2PY

2113-14064 TY1PS CLOVER

2259-14080 S92ZM

2312-14086 ZP5XHM

MONDAY 11

0008-14086 ZP6XR

0009-14083 HI8BG

0015-14087 ZP5YW

0038-14087 ZP6XR

0052-14083 CX3ABE
0219-14089 YV5KAJ
0219-14089 XE1BEX
1913-14088 NL7U
2241-14086 9Y4VU QSL VIA WA4JTK
2241-14086 HI8BG
2347-14091 9Y4SF

TUESDAY 12

0045-14084 PY2CYE
0118-14088 ZP5XHM
0132-7081 FM5DN
0152-14088 LU1CFU
0154-7079 CP6RP

WEDNESDAY 13

2130-14064 TY1PS CLOVER

THURSDAY 14

0106-14088 CX3ABE
0108-14088 XE1AGE
1424-14090 JT1CS

NOTES OF INTEREST:

CIRCLE 9 JUNE ON YOUR CALENDER FOR THE START OF A ONE WEEK OPERATION BY KEN, V73C, AND FIVE OTHERS, FROM THE FEDERATED STATES OF MICRONESIA (V6). THEY WILL CONCENTRATE ON RTTY AND CW, ON ALL BANDS, INCLUDING WARC. QSL WILL BE VIA OKDXA, P.O.BOX 88, WELLSTON, OK 74881. MORE LATER.

STARTING 16 APRIL FOR A WEEK, OH3MEP WILL BE OH0MEP FROM THE ALAND ISLANDS, ALONG WITH SEVERAL OTHERS OF HIS COUNTRYMEN. ALL BANDS, SATELLITE, AND RTTY ARE PROMISED.

BOB, J28BM, WHO HAS BEEN OPERATING IN DJIBOUTI FOR 20 MONTHS WILL BE GOING QRT AFTER 16 APRIL. HE IS GOING TO SHANGHAI CHINA, AND HOPES TO BE QRV FROM THERE.

HEALTH AND WELFARE:

JACQUES, 9X5LJ, AND HIS WIFE, LEFT THEIR HOME LAST SATURDAY, 9 APRIL, AND TOGETHER WITH OTHER BELGIAN NATIONALS WERE EVACUATED TO A HOTEL IN KIGALI, AWAITING POSSIBLE AIRLIFT OUT OF RWANDA. WE ANXIOUSLY AWAIT NEWS OF THEIR SAFE DEPARTURE FROM THAT UNHAPPY COUNTRY.(HIS APLINK MAILBOX WAS LEFT RUNNING ON 21073 KHZ TO SEE HOW LONG IT WOULD TAKE FOR HIS HOME TO BE LOOTED.)

JOANIE, KA6V, POPULAR QSL MANAGER, HAS BEEN HOSPITALIZED FOR

TREATMENT OF CANCER. YOUR QSL CARD TO HER HOME ADDRESS, WITH A GET WELL NOTE, SHOULD HELP SPEED HER RECOVERY.

SEND YOUR BANDPASS AND NOTES OF INTEREST FOR NEXT WEEK'S BULLETIN TO LUCIANO, I5FLN AT ZS5S.ZAF.AF. OR AT I5FLN.ITA.EU.

73 AND GOOD HUNTING DE JULES W2JGR AT W2TKU.#SRQFL.FL.USA.NA
(VIA HF AMTOR)

VK2SG RTTY DX NOTES 8 APR 94

NOTES OF INTEREST.

THE ONLY GOOD NOTE FOR THIS WEEK IS A REPORT FROM SYD, VK2SG. SYD STATES THAT HE IS IMPROVING AND SEEMS TO BE GETTING BETTER EACH DAY. NICE TO HEAR FROM YOU SYD AND KEEP UP THE GOOD HEALTH.

THE SAD NOTE IS THE DXPEDITION FROM SPRATLY. PROPAGATION WAS POOR, AND FROM WHAT WE SAW, WERE CALLINS ONLY ON NETS AND LITTLE SPLIT OPERATION SSB ON 20 METERS. NO DIGITAL, WHAT A PITY.

FOR NEXT WEEK'S BULLETIN, SEND YOUR BANDPASS AND NOTES OF INTEREST TO JULES, W2JGR AT W2TKU.#SRQ.FL.USA.NA

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA

Coming events

1994

April	23rd-24th	1ST WW SPDX RTTY Contest
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May	14th-15th	Volta RTTY WW Contest
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Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD, or the Secretary (Pat) VK2JPA @ VK2RWI or whatever substitute is available (???VK2AAB???).

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA as above.

Email address for the Broadcast Officer is :

patl@conmusic.pitt.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We know we reach New Zealand and South Pacific islands. We are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes ANARTS NEWS Bulletin 806 24/04/94.

Inserted by VK2BQS (Jim) ANARTS Vice-President.

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Dave Horsfall (VK2KFU)	VK2KFU @ VK2AAB.NSW.AUS.OC	PGP 2.3
dave@esi.COM.AU	...munnar!esi.COM.AU!dave	available

Date: Thu, 28 Apr 1994 00:35:50 GMT
From: pacbell.com!amdahl!netcomsv!netcom.com!marcbg@ames.arpa
Subject: ARLS021 Another SAREX success
To: info-hams@ucsd.edu

SB SPACE @ ARL \$ARLS021
ARLS021 Another SAREX success

ZCZC AS65
QST de W1AW
Space Bulletin 021 ARLS021
>From ARRL Headquarters
Newington, CT April 26, 1994
To all radio amateurs

SB SPACE ARL ARLS021
ARLS021 Another SAREX success

Another SAREX success

During the just-completed shuttle mission, STS-59, astronauts Jay Apt, N5QWL, and Linda Godwin, N5RAX, used their SAREX 2-meter equipment for a contact with Astronaut Ken Cameron, R3/KB5AWP, on assignment at the Russian space facility at Star City, near Moscow.

The two astronaut-hams also spoke to cosmonaut Anatoli Artsibartski, U6MIR. The contacts were made on two successive passes overhead.

Jay Apt said ''Ken is my friend and former STS-37 crewmate. It was terrific to hear his voice after several months corresponding by e-mail only. What a great way to use ham radio.''

Cameron and Artsibartski were standing near the Star City statue of Russian cosmonaut Yuri Gagarin, using a hand held transceiver and 5/8 wavelength whip antenna, standing on a car to increase their elevation, astronaut Jay Apt related in an Amateur Radio packet message from space.

NNNN

--

Marc Grant

Home: marchbg@netcom.com

Telephone: 214-205-4593

Office: marchbg@esy.com

Amateur Radio N5MEI

"The road to enlightenment is chuck full o' potholes"

Date: Mon, 25 Apr 1994 22:18:59 MDT
From: agate!library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!
quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@ames.arpa
Subject: Daily Summary of Solar Geophysical Activity for 25 April
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

25 APRIL, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 25 APRIL, 1994

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 115, 04/25/94
10.7 FLUX=082.8 90-AVG=092 SSN=060 BKI=2221 1222 BAI=006
BGND-XRAY=A4.9 FLU1=1.7E+06 FLU10=1.5E+04 PKI=2221 1223 PAI=007
BOU-DEV=010,018,017,007,009,016,018,019 DEV-AVG=014 NT SWF=00:000
XRAY-MAX= B2.3 @ 2340UT XRAY-MIN= A3.7 @ 0243UT XRAY-AVG= A6.4
NEUTN-MAX= +003% @ 1840UT NEUTN-MIN= -002% @ 0945UT NEUTN-AVG= +0.4%
PCA-MAX= +0.2DB @ 0140UT PCA-MIN= -0.9DB @ 1445UT PCA-AVG= -0.0DB
BOUTF-MAX=55333NT @ 1341UT BOUTF-MIN=55301NT @ 1705UT BOUTF-AVG=55324NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+075,+000,+000
GOES6-MAX=P:+127NT@ 1814UT GOES6-MIN=N:-088NT@ 0457UT G6-AVG=+095,+026,-035

FLUXFCST=STD:120,120,115;SESC:120,120,115 BAI/PAI-FCST=010,010,010/012,015,015
KFCST=2233 4222 2334 4322 27DAY-AP=006,012 27DAY-KP=2122 2122 1114 3333
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 24 APR 94 was 33.6.
The Full Kp Indices for 24 APR 94 are: 2o 2+ 3- 3- 2o 2+ 1+ 2-
The 3-Hr Ap Indices for 24 APR 94 are: 8 10 11 12 8 10 5 7
Greater than 2 MeV Electron Fluence for 25 APR is: 2.8E+07

SYNOPSIS OF ACTIVITY -----

Solar activity was very low. Only three weak B-class x-ray events were observed this period. All regions are in decay.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field has been at quiet to unsettled levels the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled for the next three days.

Event probabilities 26 apr-28 apr

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 26 apr-28 apr

A. Middle Latitudes	
Active	15/15/15
Minor Storm	10/10/10
Major-Severe Storm	05/05/05
B. High Latitudes	
Active	15/15/20
Minor Storm	10/10/15
Major-Severe Storm	05/05/05

HF propagation conditions were normal over all regions.

No significant changes are expected over the next 72 hours,
through 28 April inclusive.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 25/2400Z APRIL

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7701	N07W69	120	0080	HSX	02	001	ALPHA	
7702	S12W57	108	0000	AXX	01	001	ALPHA	
7704	N07E01	050	0000	AXX	01	002	ALPHA	
7705	N04W41	092	0070	CSO	05	004	BETA	
7706	N06W89	140	0000	AXX	01	002	ALPHA	

REGIONS DUE TO RETURN 26 APRIL TO 28 APRIL

NMBR LAT LO

NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 25 APRIL, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 25 APRIL, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 25/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
77	N29W21	N07W31	N10W36	N29W21	077	ISO	POS	004	10830A
78	S85E86	S85E86	S26E20	S15E25	019	EXT	NEG	011	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
24 Apr:	0227	0231	0238	B1.7						
	1213	1214	1216	B1.3	SF	7706	N07W67			
	1920	1929	1935	B1.1						

2016 2021 2029 B1.9
2144 2148 2156 B1.6 SF 7706 N08W72

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
	--	--	--	--	--	--	--	--	---	-----
Region 7706:	0	0	0	2	0	0	0	0	002	(40.0)
Uncorrelated:	0	0	0	0	0	0	0	0	003	(60.0)

Total Events: 005 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
-----	----	----	----	-----	--	-----	-----	-----
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: 28 Apr 94 17:48:00 GMT

From: news-mail-gateway@ucsd.edu
Subject: IBM Drive
To: info-hams@ucsd.edu

Sorry for the incorrect post, but this is INFOrmation for a Ham so therefore Info-Hams is the correct place (Logic).

I received an IBM H3342 340 Meg hard drive with no docs.
Can some kind individual tell me the jumper setting to set it up as a slave drive.

Thanks
Roland, cowanr@zama-emh2.army.mil

Date: 27 Apr 1994 20:39:16 -0400
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!
news.intercon.com!udel!news.udel.edu!brahms.udel.edu!not-for-mail@network.ucsd.edu
Subject: Interview at Dayton???
To: info-hams@ucsd.edu

I will be doing some interviewing at Dayton for my paper on
"Evolution in Postwar Amateur Radio in the United States."
I will have a tape recorder and would love to get your input.

We'll be at the Hampton Inn with the FRC contingent in Englewood,
and the FRC suite and the contest dinner at Stouffer's.

Tnx and CU!!

--
Bob Penneys, WN3K Frankford Radio Club Internet: penneys@pecan.cns.udel.edu
Work: Ham Radio Outlet (Delaware) (800) 644-4476; fax (302) 322-8808
Mail at home: 12 East Mill Station Drive Newark, DE 19711 USA

Date: Wed, 27 Apr 1994 21:49:40 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!wetware!spunky.RedBrick.COM!RedBrick.COM!
mmt@network.ucsd.edu
Subject: rec.radio.amateur.vhf.plus (?)
To: info-hams@ucsd.edu

In article <2pblak\$oj9@spool.cs.wisc.edu>, jhanson@yar.cs.wisc.edu (Jason Hanson) writes:

[...]

>2) Try starting up an alt.radio.amateur.vhf-plus first and see how it does,

>this requires no votes, etc. and will tell you whether or not support is there
>for a group in the "real" usenet. (I can probably help with this if you need
>it.)
[...]

Please don't do this! Alt.* is not a trial hierarchy.

If you think there is enough traffic for a rec group, then put
in the RFD for it. (A pre-existing mailing list is a great way
to demonstrate such traffic).

If it fails the vote, *then*, by all means, propose the alt group.
This would be a much more legitimate use for alt.* and will help
keep it less cluttered.

Followups to news.groups, where this discussion belongs.

--

Maxime Taksar KC6ZPS mmt@RedBrick.COM PGP key by request
GCS/O d- -p+ c+ !l u+ e+ m+ s++/ !n(---) h f+ g+ w+++ t+ r(-) y?
"Remember, a no-smoking section in a restaurant is like a
no-peeing section in a pool" --EGK

Date: Thu, 28 Apr 1994 01:24:10 GMT
From: ihnp4.ucsd.edu!pacbell.com!amdahl!netcomsv!netcom.com!
gbrent@network.ucsd.edu
Subject: Repeaters in Monterey area?
To: info-hams@ucsd.edu

The Santa Cruz guys forgot about 442.500, PL 100. It is on Crystal Peak
and covers the SF Bay Area and Monterey excellent. It is an open
repeater. 73's, Gerry ; WA6E (Sacramento - yes, it covers here too)

Date: Wed, 27 Apr 1994 20:28:20 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!cherokee!
walter!dancer.cc.bellcore.com!not-for-mail@network.ucsd.
Subject: simplex
To: info-hams@ucsd.edu

In article <bote.767200179@access1>,
John Boteler <bote@access1.digex.net> wrote:
>cslve@netcom.com (Cameron Slye) writes:

>>What the heck is simplex? I hear about, just dont know what it really is.
>
>Don't appliances come with instruction manuals these days?

Actually it is a fair question as the term has only been applied in ham radio jargon since the advent of widespread repeater usage.

Simplex refers to the non-simultaneous flow of data in a computer connection. In radio, it refers to a typical non-repeater contact whereby each party can only talk while the other is listening. Additionally, both parties are transmitting and receiving on the same frequency.

The computer bidirectional capability is called duplex, but that doesn't refer to a repeater operation as the reality of repeater operation is that the participants still can only transmit when the other party is listening. Over time, the term simplex in amateur radio has more meaning in terms of both parties using the same frequency to both transmit and receive (whereas the repeater operation you listen to the repeater output at one frequency, but the input is a different frequency).

Date: 28 Apr 1994 02:56:20 GMT
From: ihnp4.ucsd.edu!agate!usenet.ins.cwru.edu!news.ysu.edu!yfn.ysu.edu!
as779@network.ucsd.edu
Subject: simplex
To: info-hams@ucsd.edu

The term Simplex is also confused with the older usage "direct" which implied simplex communication, and on the same frequency, since it is possible to communicate in a "simplex" mode with the two operators on different frequencies within the same band or crossband.
One could suggest to another to "go to .52 Direct"
Just adding to the confusion....

--
CHuck Reti WV8A Detroit,MI
as779@yfn.ysu.edu
aa010@detroit.freenet.org

Date: Wed, 27 Apr 1994 18:29:51 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!
IndyNet!slipuser5.indy.net!user@network.ucsd.edu
Subject: SWR & Power Loss

To: info-hams@ucsd.edu

> My question is: since the transmitter is matched to the line, why does
> the reflected energy coming from the antenna get reflected again at the
> transmitter? Why isn't it all (or mostly) absorbed in the finals?
>

Another one of those SWR myths: The transmitter is NOT matched to the line. If it was then the SWR would be 1:1 and there would be no reflected power anyway. The mismatch is the entire system, not just the antenna to the far end of the transmission line.

--

Dave Gingrich, K9DC
Fishers, Indiana
Lockman Mills & Associates
gingrich@indy.net

Date: 27 Apr 1994 16:41:04 -0700
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!swrinde!elroy.jpl.nasa.gov!
netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!news.claremont.edu!kaiwan.com!
not-for-mail@network.ucsd.edu
Subject: Wanted: Buckmaster CDRom Callbook BBS DOOR
To: info-hams@ucsd.edu

I was told by tech support at Buckmaster that there was a ONLINE DOOR that enabled users of a BBS to use the callbook portion of there CD. Well, I've searched high and low.. and have found.. nothing.

What I am asking is that if anyone knows of one, please contact me.

I'm also looking for one that works with the QRZ! Callbook.

--

John W. Herndon - jwh@kaiwan.com

End of Info-Hams Digest V94 #463
